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## JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

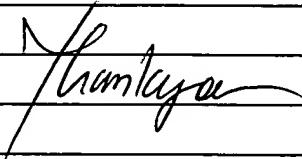
## SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

## MESSAGE

In claim pages dated 03/08/04, original claim 25 (now renumbered claim 3) depends from original claim 22 (now renumbered claim 10).

Please advise/correct claim dependency.



## CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
- i. Missing Text
- j. Duplicate Text
- k. Other



## RESPONSE



Appl. No. 09/659,737  
Amtd. dated March 8, 2004  
Reply to Final Office Action dated Feb. 12, 2004

Amendments to the Claims

Claim 1. (Original): An isolated polynucleotide molecule comprising a nucleotide sequence encoding an MLK4 gene product from a human, wherein the MLK4 gene product comprises the amino acid sequence of SEQ ID NO:2.

Claim 2. (Original): The isolated polynucleotide sequence of claim 1 comprising the nucleotide sequence of SEQ ID NO:1.

Claims 3-21. (Cancelled).

Claim 22. (Currently Amended): A recombinant vector comprising any one of the polynucleotide molecules of claims 1-5 claim 1, 2, 46, 49, 50, 51 or 53.

Claim 23. (Original): A transformed host cell comprising the recombinant vector of claim 22.

Claim 24. (Cancelled).

Claim 25. (Currently Amended): A method of preparing a substantially purified or isolated polypeptide comprising the amino acid sequence of SEQ ID NO:2 encoded by the recombinant vector of claim 22, comprising culturing host cells transformed with the recombinant vector under conditions conducive to the expression of the polypeptide, or peptide fragment, and recovering in substantially purified or isolated form the polypeptide or peptide fragment from the cell culture.

Claims 26-47. (Cancelled).

Claim 48. (New): An isolated polynucleotide molecule that comprises a nucleotide sequence that is about 90% homologous to SEQ ID NO:1, wherein the isolated polynucleotide molecule encodes a protein that has a kinase activity of an MLK4 gene product.